



# Australian Bureau of Statistics

## 1301.0 - Year Book Australia, 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 27/02/1998

### PARTICIPATION IN SPORT AND PHYSICAL ACTIVITIES

#### INTRODUCTION

Sport in Australia enjoys a high profile, especially at the elite level. The extensive media coverage of sporting events serves to heighten public awareness of sports and of top sports people. With the benefits of higher levels of physical activity becoming more widely recognised, participation in sport by all Australians at all levels is seen as increasingly important. The Federal Minister for Sport, Territories and Local Government recently launched a new initiative aimed at making Australians fitter and healthier. The program, Active Australia - a National Participation Framework, aims to have all Australians actively involved in sport, community recreation, fitness and/or outdoor recreation. The focus is on promoting a healthy and active lifestyle, and providing access to sport and recreation facilities and services. The excitement surrounding the preparation for the Sydney Olympics in the year 2000 has provided added stimulus for the development of sport and physical activity policy and participation in Australia.

**Participation Sport and Physical Activities, Australia, 1995-96** (4177.0) provides national data on participation in sports and physical activities by Australians five years of age and over. These data will provide benchmarks to assist in measuring the impact of the Olympics on participation in sport at all levels.

Information for the publication was collected by the Population Survey Monitor (PSM). A total of 22,325 people were interviewed throughout the year about their participation in sport and physical activities, including both organised and social involvement. Organised sports and physical activities were those organised through a club, association or school (outside of school hours). The club or association need not have been sporting, but could have included e.g. a social club, church group, old scholars' association or aerobics at the local gymnasium. For organised and children's activities, respondents were asked about the 12 months prior to the interview. In contrast, details of social activities, that is, sport and physical activities not organised by a club or association, were restricted to participation by persons aged 18 years and over during the preceding two weeks.

#### Participation by age and sex

During the 12 months ended June 1996, over 5.8 million people (35.5% of the population aged five years and over) participated in organised sport and physical activities (see table S4.1).

The highest participation rate was exhibited by children aged 9-11 years (71.0%), with the rate declining for each successive age group. The largest falls occurred between 15-19 year olds and 20-24 year olds (14.0 percentage points) and between 12-14 year olds and 15-19 year olds (12.5 percentage points). The diminishing rates in these age groups coincide with the ages at which people leave school and the years when their interests, preferences and commitments may be changing.

Males had a higher participation rate than females in every age group. The difference was most

evident in the 12-14 and 15-19 year age groups where the respective rates for males were 11.2 and 11.3 percentage points higher than those for females.

#### S4.1 PARTICIPATION IN ORGANISED SPORT AND PHYSICAL ACTIVITIES, By Age Group

Age group (years)	Males		Females		Persons	
	Number '000	Participation rate	Number '000	Participation rate	Number '000	Participation rate
<b>5-14</b>						
5-8	274.1	51.5	230.4	46.8	504.5	49.2
9-11	306.8	74.3	249.8	67.2	556.7	71.0
12-14	278.7	74.1	245.4	62.9	524.1	68.4
Total	859.6	65.0	725.7	57.8	1,585.2	61.5
<b>15 and over</b>						
15-19	387.0	61.4	299.7	50.1	686.8	55.9
20-24	3±8.0	46.3	251.0	37.3	569.0	41.9
25-34	562.8	41.1	466.9	33.5	1,029.8	37.3
35-44	407.3	30.3	344.3	25.0	751.6	27.6
45-54	288.1	25.2	237.7	21.2	525.8	23.2
55-64	168.2	22.4	148.5	20.0	316.7	21.2
65 and over	182.7	20.7	161.8	15.3	344.5	17.7
Total	2,314.2	34.0	1,910.0	27.4	4,224.2	30.7
<b>Total</b>	<b>3,173.8</b>	<b>39.0</b>	<b>2,635.7</b>	<b>32.1</b>	<b>5,809.4</b>	<b>35.5</b>

Source: ABS unpublished data, Population Survey Monitor, 1995-96.

#### Participation by State and Territory

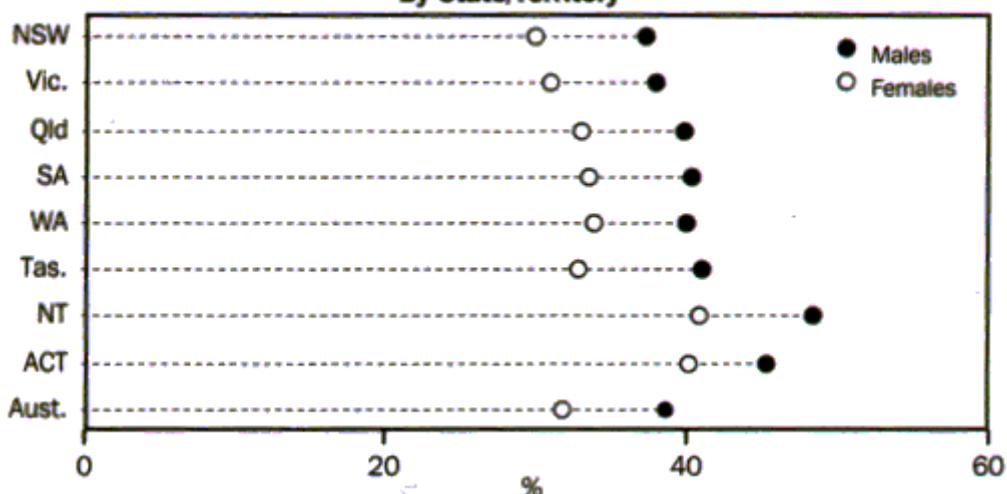
Participation in organised sport and physical activities varied across the States and Territories. The Northern Territory and the Australian Capital Territory had the highest participation rates (44.9% and 43.0% respectively), substantially higher than those of any of the States. South Australia, Western Australia and Tasmania had the highest rates among the States (each 37.2%) while the lowest was recorded for New South Wales (33.9%). The higher rates in the Northern Territory and the Australian Capital Territory could be due to these areas having comparatively lower proportions of aged people as well as higher levels of income.

Within each State or Territory, the participation rate for males was higher than for females. However, as graph S4.2 shows, the difference in the rates was least in the Australian Capital Territory (5.2 percentage points) and greatest in Tasmania (8.1 percentage points).

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**S4.2 PARTICIPATION IN ORGANISED SPORT AND PHYSICAL ACTIVITIES(a),  
By State/Territory**



(a) Persons aged 15 years and over.

Source: Unpublished data, Population Survey Monitor, 1995-96

**Organised sports and physical activities of people aged 15 years and over**

The participation rate in sport and physical activities that had been organised through clubs, associations and other organisations conducting sport and active recreation activities was found to be 30.7% in 1995-96, 34.0% for males and 27.4% for females (table S4.3).

The most popular organised sport and physical recreation activity undertaken by Australians during 1995-96 was aerobics, in which almost 660,000 people, 4.8% of persons aged 15 years and over, were involved (table S4.3). Participation in this activity was predominantly by females, who accounted for over 85% (566,300) of all those involved. The next most popular organised activity was playing golf, with just under 445,000 people participating during the year. Of this number, 349,400 were males (78.6%) and 95,300 (21.4%) were females. Other popular organised sport and physical activities included tennis (362,000 people), netball (328,600), lawn bowls (296,400) and swimming (281,400).

There were significant differences between the numbers of males and females participating in many of the activities, as shown for aerobics and golf. Others where the difference between male and female participation was large were netball, which was the second most popular sport played by females, and cricket.

Apart from aerobics and netball, other highly popular organised sport and physical activities undertaken by females included tennis and swimming. Golf was the most popular sporting activity among males, followed by cricket, lawn bowls and tennis.

**S4.3 MOST POPULAR SPORTS AND PHYSICAL ACTIVITIES(a), Persons Aged 15 Years and Over**

	Males		Females		Persons	
	Number '000	Participation rate	Number '000	Participation rate	Number '000	Participation rate

## Sport and physical activities

Aerobics	93.6	1.4	566.3	8.1	659.9	4.8
Golf	349.4	5.1	95.3	1.4	444.7	3.2
Tennis	154.7	2.3	207.2	3.0	362.0	2.6
Netball	41.6	0.6	287.0	4.1	328.6	2.4
Lawn bowls	180.4	2.6	116.1	1.7	296.4	2.2
Swimming	127.6	1.9	153.8	2.2	281.4	2.0
Basketball	146.3	2.1	93.9	1.3	240.2	1.7
Martial arts	122.9	1.8	91.3	1.3	214.2	1.6
Cricket (outdoor)	191.1	2.8	*5.3	*0.1	196.4	1.4
Tenpin bowling	79.7	1.2	111.1	1.6	190.9	1.4
<b>Total all activities(a)</b>	<b>2,314.2</b>	<b>34.0</b>	<b>1,910.0</b>	<b>27.4</b>	<b>4,224.2</b>	<b>30.7</b>

(a) Includes activities not listed.

Source: Participation in Sport and Physical Activities, 1995-96 (4177.0).

## Children's organised sport and physical activities

Almost 1.6 million children aged 5-14 years (61.5% of all children in this age group) participated in organised sport and physical activities, either with a club or in school organised activities conducted outside school hours (table S4.4). The most popular sport or activity for 5-14 year olds was swimming, which had 338,800 participants in this age range during 1995-96. This was followed by basketball (300,100 participants), netball (263,900 participants) and soccer (245,000 participants).

For girls, netball and swimming were by far the most popular sports or activities, with participation rates of 20.5% and 15.0% respectively. Next most popular were basketball (8.3%) and tennis (7.7%). Boys had a more even distribution of interests, with soccer being the most popular sport (17.0%), followed by basketball (14.9%), cricket (11.5%) and swimming (11.4%).

## Expenditure on sport and physical activities

Annual expenditure on organised sport and physical activities by the 4.2m participants 15 years of age and over totalled \$2,755m, an average cost of \$652 for each participant (table S4.5). The aggregate amount included almost \$550m in membership fees, \$986m in transport and weekly participation charges and just over \$900m on clothing and equipment.

## S4.4 MOST POPULAR SPORTS AND PHYSICAL ACTIVITIES, 5-14 Year Olds

	Males		Females		Persons	
	Number '000	Participation %	Number '000	Participation %	Number '000	Participation %
<b>Sport and physical activities</b>						
Swimming	150.0	11.4	188.8	15.0	338.8	13.1
Basketball	196.3	14.9	103.8	8.3	300.1	11.6
Netball	*7.2	*0.5	256.7	20.5	263.9	10.2
Soccer (outdoor)	224.8	17.0	20.1	1.6	245.0	9.5
Tennis	101.1	7.7	96.6	7.7	197.8	7.7
Cricket (outdoor)	151.4	11.5	10.2	0.8	161.6	6.3
Australian Rules football	144.8	11.0	*4.4	*0.3	149.2	5.8
	76.5	5.8	70.9	5.6	147.4	5.7

Athletics, track and field	76.8	5.8	32.6	2.6	109.4	4.2
Martial arts	*9.3	*0.7	95.4	7.6	104.7	4.1
Dancing						
<b>Total all activities(a)</b>	<b>859.6</b>	<b>65.0</b>	<b>725.7</b>	<b>57.8</b>	<b>1,585.2</b>	<b>61.5</b>

(a) Includes activities not listed.

Source: Participation in Sport and Physical Activities, 1995-96 (4177.0).

#### S4.5 EXPENDITURE, Selected Organised Sport and Physical Activities(a)

	Membership \$m	Transport and weekly fees \$m	Clothing and equipment \$m	Other \$m	Total \$m	Average per participant \$
<b>Sport and physical activity</b>						
Aerobics	115.8	69.7	55.1	4.4	245.1	371
Golf	131.8	114.6	108.7	10.6	365.7	822
Tennis	22.1	47.1	34.6	7.2	111.0	307
Netball	13.5	42.6	16.5	4.1	76.7	233
Lawn bowls	16.3	56.7	33.2	2.9	109.1	368
Swimming	13.7	28.0	14.9	6.6	63.1	224
Basketball	11.8	36.7	18.4	9.8	76.6	319
Martial arts	23.0	36.2	15.7	4.0	78.8	368
Cricket (outdoor)	13.0	16.4	22.9	2.5	54.8	279
Tenpin bowling	5.1	63.8	8.7	3.1	80.6	422
<b>Total all activities</b>	<b>549.6</b>	<b>986.3</b>	<b>906.7</b>	<b>312.6</b>	<b>2,755.1</b>	<b>652</b>
<b>(b)</b>						

(a) Persons 15 years of age and over.

(b) Includes activities not listed.

Source: Participation in Sport and Physical Activities, Australia, 1995-96 (41.77.0).

Golf was by far the most expensive of the 10 most popular sports or physical activities. Golfers each spent an average of \$822 on their sport, while annual outlays by participants in the other nine sports/physical activities ranged from \$224 for swimming to \$422 for tenpin bowling.

The sports or physical activities found to incur the highest annual costs were horse riding (\$1,833), motor sports (\$1,653) and air sports (eg. parachuting, hang-gliding and model aircraft flying) (\$1,301). At the lower end of the scale, the average cost met by people who participated in carpet bowls during 1995-96 was a modest \$90 for the year. Other low cost organised pursuits were indoor soccer (\$154), darts (\$160) and walking (\$171).

#### Social participation

In addition to participating in an organised sport or physical activity, many people also participate in sports such as tennis, cycling, weight-lifting, swimming and fishing on a social basis. Table S4.6 shows the number of people who participated in such activities during the two weeks prior to being surveyed, for each of the four surveys conducted during 1995-96. Swimming was the most popular activity in the warmer months (1,319,500 in November and 1,652,000 in February), while cycling was the most popular activity in cooler weather (522,200 in August and 579,300 in May).

Given that social participants were measured as people aged 18 years and over who had participated during the previous two weeks only, it is likely that the total number who were involved in social sport during 1995-96 is understated. Similarly, the estimate of about \$1,000m for annual expenditure on social sport should be regarded as a minimum.

## Summary

This article has briefly outlined the main findings of an ABS survey regarding participation in sport and physical activities in 1995-96.

With 5.8m people aged five years and over participating in organised sport and physical activities during 1995-96, and \$2,755m spent by participants 15 years and over, and another \$1,000m spent on social participation, the popularity and economic significance of sport and physical activities in Australia are clear.

The survey found that participation in organised sport and physical activities was highest among the younger age groups, with participation rates steadily declining with age. Males had a higher participation rate than females in all age groups, while the Northern Territory and the Australian Capital Territory had higher participation rates than any of the States.

For further details see the ABS publication **Participation in Sport and Physical Activities, Australia 1995-96** (4177.0).

### S4.6 PARTICIPANTS, Selected Social Sport and Physical Activities(a)

	Aug 1995 '000	Nov 1995 '000	Feb 1996 '000	May 1996 '000
Sport and physical activities				
Aerobics	340.1	409.0	413.8	361.1
Cycling	522.2	656.1	643.8	579.3
Fishing	463.2	660.2	835.0	490.2
Golf	350.4	367.7	412.4	366.2
Horse riding	131.3	163.0	115.9	69.5
Ice/snow sports	200.3	(b)	(b)	(b)
Squash/racquet ball	89.4	172.8	108.8	151.7
Surf sports	118.7	241.4	192.0	79.2
Swimming	474.8	1 319.5	1 652.0	524.8
Tenpin bowling	127.8	70.4	123.8	91.7
Tennis	221.8	311.5	429.0	211.1
Water-skiing/ powerboating	(b)	129.7	178.2	91.3
Weight-lifting	500.0	763.9	586.4	515.3

(a) Persons aged 18 years and over in the two weeks before each survey.

(b) Subject to relative standard error greater than 50%.

Source: Participation in Sport and Physical Activities, 1995-96, Australia, (4177.0).

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